Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	25	("385"/$.ccls. or "359"/$.ccls.) and (inspection near2 (groove or grooves or channel or channels))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 15:57
S2	0	("2004/0190152").URPN.	USPAT	OR	OFF	2005/11/02 15:56
S3	8	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) with ((cutting or cut or cuts) near2 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 19:03
S4	2	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) with ((cutting or cut or cuts) near2 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips))) same (grating or gratings)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 16:00
S5	700	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) with ((cutting or cut or cuts) near2 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 17:08
S6	1166	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) with ((cutting or cut or cuts) near2 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 18:16
S7	1	S5 and ((correcting or correct or corrected or corrects or adjust or adjusting or adjusted or adjusts or adjustment) near2 (angle or angles or angled or inclination or inclined or inclines or incline))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 16:03
S9	20	S6 and ((correcting or correct or corrected or corrects or adjust or adjusting or adjusted or adjusts or adjustment) near2 (angle or angles or angled or inclination or inclined or inclines or incline))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 16:04
S10	0	("2005/0181527").URPN.	USPAT	OR	OFF	2005/11/02 16:04

S11	0	("2004/0126995").URPN.	USPAT	OR	OFF	2005/11/02 16:06
S12	1	("6515309").PN. OR ("6916726").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 16:08
S13	0	("6714289").URPN.	USPAT	OR	OFF	2005/11/02 16:09
S14	7	("5355252" | "6128073" | "6259093" | "6381023" | "6384898" | "6388249").PN. OR ("6714289").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 16:09
S15	27	("4602540" | "4604705" | "4692989" | "4863321" | "4883392" | "4933868" | "4983899" | "5159741" | "5178498" | "5298076" | "5309800" | "5348431" | "5361470" | "5396821" | "5417130" | "5431514" | "5506786" | "5529446"). PN. OR ("5713253").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 16:11
S16	397	(82/1.4).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 16:43
S17	577	S5 and @pd<"20030110"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 17:03
S18	826	S6 and @ad<"20030110"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 16:53
S19	0	S17 and ((optical or optic) near2 (head or heads))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 17:03
S20	11	S18 and ((optical or optic) near2 (head or heads))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 17:04
S21	0	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) with ((cutting or cut or cuts or etch or etches or etching or etched) near3 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips))) and ((measuring or measures or measure or measured or measure or monitor or monitoring or monitored or inspect or inspecting or inspection or inspects or inspected or test or testing or tests or tested) with (feedback))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 17:07

S22	34	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) with ((cutting or cut or cuts or etch or etches or etching or etched) near3 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips))) and ((measuring or measures or measured or measure or monitor or monitors or monitoring or monitored or inspect or inspecting or inspection or inspects or inspected or test or testing or tests or tested) with (feedback))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 17:28
S23	62	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) with ((cutting or cut or cuts) near2 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips))) and (optical or optic)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 17:09
S24	347	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) with ((cutting or cut or cuts) near2 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips))) and (optical or optic)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 17:09
S25	35	("1194294" | "1591572" | "3684348" | "3712706" | "3924928" | "3926402" | "4066236" | "4066331" | "4095773" | "4149304" | "4588258" | "4601861" | "4775219" | "4798178" | "4895428" | "5156863" | "5429857" | "5450235" | "5565151" | "5600484" | "5614286" | "5657162" | "5696627" | "5706132" | "5734501" | "5759468" | "5812315" | "5822121" | "5837082" | "5866233" | "6010609").PN. OR ("6540367")).URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 17:21
S26	33	("4423502" | "4949331" | "5084860" | "5109373" | "5199022" | "5249175"). PN. OR ("5448551").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 17:24
S27	164	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) with ((optical or optic) near2 (disk or disks or disc or discs))) and ((cutting or cut or cuts or etch or etches or etching or etched) near3 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 17:30

S28	21	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) with (((optical or optic) near2 (disk or disks or disc or discs))) and ((cutting or cut or cuts or etch or etches or etching or etched) near3 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips))	EPO; JPO; DERWENT; IBM_TDB	OR	2005/11/02 17:40
S29	1	S27 and ((test or dummy or measurement or inspection) near2 (groove or grooves or channel or channels))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 17:31
S30	819	S6 not (S24 or S27)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 17:40
S31	29	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) same ((cutting or cut or cuts) near2 (substrate or base or bases or wafer or wafers or carrier or carriers or chip or chips))) and (((correction or corrects or corrected or correcting or correct or adjusting or adjusted or adjusts or adjustment or altering or alter or alters or altered or change or changes or changing or changed) near2 (angle or angles or angled)) with (blade or cutter or cutters or cutting))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 17:47
S32	1	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) same ((cutting or cut or cuts) near2 (substrate or base or bases or wafer or wafers or carrier or carriers or chip or chips))) and (((correction or corrects or corrected or correcting or correct or adjusting or adjusted or adjusts or adjustment or altering or alter or alters or altered or change or changes or changing or changed) near2 (angle or angles or angled)) with (blade or cutter or cutters or cutting))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 17:43

S33	142	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) and ((cutting or cut or cuts)) near2 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips))) and (((correction or corrects or corrected or correcting or correct or adjusting or adjusted or adjusts or adjustment or adjust or adjusting or adjusts or adjustment or altering or alter or alters or altered or change or changes or changing or changed) near2 (angle or angles or angled)) with (blade or cutter or cutters or cutting))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 17:47
S34	2	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels)) and ((cutting or cut or cuts) near2 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips))) and (((correction or corrects or corrected or correcting or correct or adjusting or adjusted or adjusts or adjustment or altering or alter or alters or altered or change or changes or changing or changed) near2 (angle or angles or angled)) with (blade or cutter or cutters or cutting))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 17:47
S35	0	S33 not S31		OR	OFF	2005/11/02 17:47
S36	113	S33 not S31	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 18:10
S37	280	connelly-cushwa	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 18:10
S38	8	("4834480" | "5037168" | "5094553" | "5143577" | "5444805" | "5526454" | "6022671" | "6037105").PN. OR ("6625366").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 18:14

S39	173	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels or trench or trenches)) and ((cutting or cut or cuts or machine or machining or machines) near3 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips or surface or surfaces))) and ((test or inspection) near2 (goove or grooves or channel or channels or trench or trenches))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 18:29
S40	2	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels or trench or trenches)) and ((cutting or cut or cuts or machine or machining or machines) near3 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips or surface or surfaces))) and ((test or inspection) near2 (goove or grooves or channel or channels or trench or trenches))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 18:17
S41	94	inspection near2 groove	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 18:54
S42	97	inspection near2 groove	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 18:54
S43	185	(optical or optic) near2 (disk or discs or head or heads or recording)) and ((test or inspection) near2 (goove or grooves or channel or channels or trench or trenches))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 18:57
S44	6	(((optical or optic) near2 (disk or discs or head or heads or recording)) and ((test or inspection) near2 (goove or grooves or channel or channels or trench or trenches))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 18:57

Ref	Hits	Search Query	Database		Plurals	Time Stamp
S45	220	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels or trench or trenches)) same ((cutting or cut or cuts or machining or machine or machines or machined) near2 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips or layer or layers))) and (((measure or measured or measures or measurement or determine or determines or determined or inspection) with (groove or grooves or channel or channels or trench or trenches)) same (correction or correct or corrected or correcting or compensating or adjust or adjusts or adjusted or adjusting or adjustable or compensate or compensates or compensation or alter or alters or altering or altered or change or changes or changing or changed or feedback))	US-PGPUB; USPAT; USOCR		OR	OFF	2005/11/02 19:07
S46	3	(((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (groove or grooves or channel or channels or trench or trenches)) same ((cutting or cut or cuts or machining or machine or machines or machined) near2 (substrate or substrates or base or bases or wafer or wafers or carrier or carriers or chip or chips or layer or layers))) and (((measure or measured or measures or measurement or determine or determines or determined or inspection) with (groove or grooves or channel or channels or trench or trenches)) same (correction or correct or corrected or correcting or compensating or adjust or adjusts or adjusted or adjusting or adjustable or compensate or compensates or compensation or alter or alters or altering or altered or change or changes or changing or changed or feedback))	EPO; JPO; DERWENT; IBM_TDB		OR	OFF	2005/11/02 19:07
S47	33	("4423502" | "4949331" | "5084860" | "5109373" | "5199022" | "5249175"). PN. OR ("5448551").URPN.	US-PGPUB; USPAT; USOCR		OR	OFF	2005/11/02 19:20
S48	2018	(385/37).CCLS.	USPAT		OR	OFF	2005/11/02 19:20
S49	865	(385/37).CCLS.	US-PGPUB		OR	OFF	2005/11/02 19:21
S50	3	(385/37).CCLS.	USOCR		OR	OFF	2005/11/02 19:21
S51	434	(S48 or S49 or S50) and (cutting or cuts or cut)	USPAT		OR	OFF	2005/11/02 19:21
S52	313	S51 and (angle or angled or angled)	USPAT		OR	OFF	2005/11/02 19:21

Ref	Hits	Query	Database	OR	OFF	Timestamp
S53	116	S51 and (inclination or incline or inclined or inclining or inclines or slant or slanting or slanted or slants)	USPAT	OR	OFF	2005/11/02 19:22
S54	317	(S52 or S53)	USPAT	OR	OFF	2005/11/02 19:22
S55	27	("4602540" | "4604705" | "4692989" | "4863321" | "4883392" | "4933868" | "4983899" | "5157741" | "5178498" | "5298076" | "5309800" | "5348431" | "5361470" | "5396821" | "5417130" | "5431514" | "5506786" | "5529446"). PN. OR ("5713253").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 19:30
S56	25	("3640632" | "4195250" | "4514814" | "4775926" | "4976177" | "5007006" | "5019763" | "5214592" | "5216308" | "5250865" | "5315197" | "5329457" | "5364434" | "5514924" | "5525848" | "5543673" | "5581467" | "5713253" | "5739607" | "5740081" | "5779405" | "5804900").PN. OR ("6301520"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 19:31
S57	11	("5444640" | "5513113").PN. OR ("5740081").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/02 19:32
S58	9	369/272.1	USPAT	OR	OFF	2005/11/03 11:05
S59	2351	((369/272.1) or (369/275.1) or (369/275.4) or (369/277)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:05
S60	1225	(369/275.4).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:06
S61	815	S59 not S60	USPAT	OR	OFF	2005/11/03 11:06
S62	491	S60 and (angle or angles or angled or angling)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:07
S63	1126	S59 not S60	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:06
S64	8	S59 and ((test or inspection) near2 (groove or grooves))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:09
S65	155	S59 and (((first) near2 (groove or grooves)) with (forming or forms or form or formed))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:10

S66	263	S59 and ((groove or grooves) with (measure or measured or measuring or measurement or measurements or measures or test or tests or testing or tested))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:11
S67	2	S59 and (((groove or grooves) with (measure or measured or measuring or measurement or measurements or measures or test or tests or testing or tested)) same ((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (method or methods)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:12
S68	866	((700/193) or (438/42) or (82/1.4)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:12
S69	0	S68 and (((groove or grooves) with (measure or measured or measuring or measurement or measurements or measures or test or tests or testing or tested)) same ((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (method or methods)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:13
S70	0	S68 and (((groove or grooves) with (inspect or inspects or inspecting or inspected)) same ((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (method or methods)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:13
S71	0	S68 and (((groove or grooves) with (inspect or inspects or inspecting or inspected)) same ((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (method or methods)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:13
S72	0	S68 and (((groove or grooves) with (characteristic or parameter or parametes or characteristics)) same ((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (method or methods)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:14
S73	7	S59 and (((groove or grooves) with (characteristic or parameter or parametes or characteristics)) same ((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or formation or provide or providing or provides or provided) near2 (method or methods)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:15

S74	2	S59 and ((feedback) same ((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (method or methods)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:16
S75	1	S68 and ((feedback) same ((forming or form or formed or forms or make or making or made or makes or create or creates or created or creating or creation or formation or provide or providing or provides or provided) near2 (method or methods)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:20
S76	147	(438/42).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:21
S77	200	(cutting or cut or cuts or etching or etched or etches or etch or machine or machined or machines) with ((test or inspection) near2 (groove or grooves or channel or channels or trench or trenches))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 11:25
S78	80	(cutting or cut or cuts or etching or etched or etches or etch or machine or machined or machines) with ((test or inspection) near2 (groove or grooves or channel or channels or trench or trenches))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 11:23